## 09538517\_CLS.txt Most Frequently Occurring Classifications of Patents Returned From A Search of 09538517 on July 11, 2005

```
Original Classifications
6 455/503
3 370/330
2 340/825.69
Cross-Reference Classifications
      4 375/356
4 455/517
              370/337
      32222222222222222
               318/49
              318/625
340/5.64
340/825.49
342/457
              342/463
370/350
370/395.5
375/219
             3/5/219
455/418
455/466
455/507
455/513
455/524
455/562.1
455/563
455/566
Combined Classifications
6 455/503
4 370/337
4 375/356
4 455/517
      4332222222222222222222222
               342/457
               370/330
               318/49
               318/625
              318/625
340/5.64
340/825.49
340/825.69
342/463
356/73.1
370/335
               370/350
               370/395.5
              370/395.3
375/219
375/222
375/277
455/11.1
455/418
455/466
455/507
455/513
455/524
              455/524
455/562.1
455/563
455/566
725/131
```

---

## 09538517\_CLSTITLES.txt

Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 09538517 on July 11, 2005

```
(6 OR, 0 XR)
455 : TELECOMMUNICATIONS
6 455/503
         Class
         455/39
                         TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
         455/500
                         .Plural transmitters or receivers (i.e., more
                                than two stations)
         455/501
                         ..Noise, distortion, or singing reduction
         455/502
                         ...Synchronized stations
         455/503
                         ....Simulcast system
                   (1 OR, 3 XR)
  370/337
                  370 : MULTIPLEX COMMUNICATIONS
         Class
         370/310
                         COMMUNICATION OVER FREE SPACE
                         .Having a plurality of contiguous regions served by respective fixed stations
         370/328
         370/329
                         ... Channel assignment
         370/336
                         ... Combining or distributing information via
                             time channels
         370/337
                         ....Multiple access (e.g., TDMA)
                  (0 OR, 4 XR)
375 : PULSE OR DIGITAL COMMUNICATIONS
  375/356
         Class
         375/354
                         SYNCHRONIZERS
         375/356
                         .Network synchronizing more than two stations
                  (0 OR, 4 XR)
455 : TELECOMMUNICATIONS
  455/517
         Class
         455/39
                         TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
         455/500
                         .Plural transmitters or receivers (i.e., more
                              than two stations)
                         ...Central station (e.g., master, etc.) ...To or from mobile station
         455/507
         455/517
3
  342/457
                   (1 OR, 2 XR)
                  342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
         Class
                           AND DEVICES
         342/350
                         DIRECTIVE
         342/450
                         .Position indicating (e.g., triangulation)
         342/457
                         ..Land vehicle location (e.g., bus, police car
                   (3 OR, 0 XR)
3 370/330
                  370 : MULTIPLEX COMMUNICATIONS
         Class
                         COMMUNICATION OVER FREE SPACE
         370/310
                         .Having a plurality of contiguous regions served by respective fixed stations
         370/328
         370/329
                         ...Channel assignment
         370/330
                         ... Having both time and frequency assignment
  318/49
                   (0 \text{ OR}, 2 \text{ XR})
2
                         ELECTRICITY: MOTIVE POWER SYSTEMS
                  318 :
         Class
         318/34
                         PLURAL, DIVERSE OR DIVERSELY CONTROLLED
                             ELECTRIC MOTORS
         318/49
                         .Motors electrically connected in cascade or
                            tandem
2 318/625
                   (0 \text{ OR}, 2 \text{ XR})
```

```
09538517_CLSTITLES.txt
                   318 : ELECTRICITY: MOTIVE POWER SYSTEMS
          Class
          318/560
                         POSITIONAL SERVO SYSTEMS (E.G.,
                              SERVOMECHANISMS)
          318/625
                          .Plural servomotors
                   (0 OR, 2 XR)
340 : COMMUNICATIONS: ELECTRICAL
    340/5.64
          Class
          340/825
                         SELECTIVE
          340/5.1
                          .Intelligence comparison for controlling
          340/5.2
                          .. Authorization control (e.g., entry into an
                               area)
                          ...Coded record input (e.g., IC card or key)
          340/5.6
          340/5.64
                          ....Wireless transmitter
                   (0 OR, 2 XR)
340 : COMMUNICATIONS: ELECTRICAL
    340/825.49
          Class
          340/825
                         SELECTIVE
          340/825.36
                          .Having indication or alarm (e.g., location
                              indication)
          340/825.49
                          ..Location indication
                   (2 OR, 0 XR)
340 : COMMUNICATIONS: ELECTRICAL
    340/825.69
          Class
          340/825
                         SELECTIVE
          340/825.57
                          .Pulse responsive actuation
          340/825.62
                          ..Serial
          340/825.69
                          ...Radio link
                    (0 OR, 2 XR)
 2 342/463
                   342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
          Class
                           AND DEVICES
          342/350
                         DIRECTIVE
          342/450
                          .Position indicating (e.g., triangulation)
          342/463
                          ...Having plural transmitters or receivers
    356/73.1
                    (1 OR, 1 XR)
          Class
                   356 : OPTICS: MEASURING AND TESTING
          356/73.1
                         FOR OPTICAL FIBER OR WAVEGUIDE INSPECTION
                    (1 OR, 1 XR)
    370/335
                   370 : MULTIPLEX COMMUNICATIONS
          Class
          370/310
                         COMMUNICATION OVER FREE SPACE
                          .Having a plurality of contiguous regions served by respective fixed stations
          370/328
                          ...Channel assignment
          370/329
                          ...Combining or distributing information via
          370/335
                             code word channels using multiple access techniques
(e.g.,
                             CDMA)
   370/350
                    (0 \text{ OR}, 2 \text{ XR})
                   370 : MULTIPLEX COMMUNICATIONS
          Class
          370/310
                         COMMUNICATION OVER FREE SPACE
          370/345
                         .Combining or distributing information via time
                              channels
          370/350
                         ... Synchronization
                   (0 OR, 2 XR) 370 : MULTIPLEX COMMUNICATIONS
    370/395.5
          class
                         PATHFINDING OR ROUTING
          370/351
          370/389
                          .Switching a message which includes an address
                               header
          370/395.1
                         .. Message transmitted using fixed length
                                         Page 2
```

```
09538517_CLSTITLES.txt
                             packets (e.g., ATM cells)
         370/395.5
                         ...Multiprotocol network
                  (0 OR, 2 XR) 375 : PULSE OR DIGITAL COMMUNICATIONS
2 375/219
         Class
         375/219
                        TRANSCEIVERS
                  (1 OR, 1 XR)
375 : PULSE OR DIGITAL COMMUNICATIONS
2 375/222
         Class
         375/219
                        TRANSCEIVERS
         375/222
                         .Modems (data sets)
                  (1 OR, 1 XR)
375 : PULSE OR DIGITAL COMMUNICATIONS
  375/277
         Class
         375/259
                         SYSTEMS USING ALTERNATING OR PULSATING CURRENT
                         .Angle modulation
         375/271
                         ... Frequency shift keying ... Vestigial or single sideband, or suppressed
         375/272
         375/277
                            carrier
                  (1 OR, 1 XR)
455 : TELECOMMUNICATIONS
  455/11.1
         Class
         455/7
                         CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
                             RETRANSMISSION OF SAME INFORMATION)
         455/11.1
                         .Portable or mobile repeater
  455/418
                   (0 \text{ OR}, 2 \text{ XR})
         Class 455: TELECOMMUNICATIONS
         455/403
                        RADIOTELEPHONE SYSTEM
         455/418
                         .Programming control
2 455/466
                   (0 \text{ OR}, 2 \text{ XR})
         Class
                  455 : TELECOMMUNICATIONS
         455/403
                         RADIOTELEPHONE SYSTEM
         455/466
                         .Auxiliary data signaling (e.g., short message
                            service (SMS))
                   (0 OR, 2 XR)
  455/507
                  455 : TELECOMMUNICATIONS
         Class
                        TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
         455/39
         455/500
                         .Plural transmitters or receivers (i.e., more
                             than two stations)
                         ...Central station (e.g., master, etc.)
         455/507
                   (0 OR, 2 XR)
2 455/513
                  455 : TELECOMMUNICATIONS
         Class
         455/39
                        TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
                         .Plural transmitters or receivers (i.e., more than two stations)
..Central station (e.g., master, etc.)
         455/500
         455/507
         455/509
                         ...Channel allocation
         455/513
                         ....Ranking (e.g., based on signal strength,
                            etc.)
                  (0 OR, 2 XR)
455 : TELECOMMUNICATIONS
2 455/524
         Class
         455/39
                        TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
         455/500
                         .Plural transmitters or receivers (i.e., more
                               than two stations)
```

Page 3

```
09538517_CLSTITLES.txt
        455/507
                       ...Central station (e.g., master, etc.)
                       ... To or from mobile station
        455/517
        455/524
                       ....Multiple base stations
                 (0 OR, 2 XR)
455 : TELECOMMUNICATIONS
2 455/562.1
        class
                       TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
        455/73
                             TRANSCEIVER)
                       .Radiotelephone equipment detail
        455/550.1
        455/561
                       ..Base station detail
        455/562.1
                       ... Having specific antenna arrangement
                (0 OR, 2 XR)
455 : TELECOMMUNICATIONS
  455/563
        Class
        455/73
                       TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
                            TRANSCEIVER)
        455/550.1
455/563
                       .Radiotelephone equipment detail
                       .. Having voice recognition or synthesization
  455/566
                  (0 OR, 2 XR)
                 455 : TELECOMMUNICATIONS
        Class
        455/73
                       TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
                            TRANSCEIVER)
        455/550.1
455/566
                       .Radiotelephone equipment detail
                       ...Having display
2 725/131
                  (1 OR, 1 XR)
                725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
        Class
        725/105
                       VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
                           COMMUNICATION
        725/131
                       .Receiver (e.g., set-top box)
```